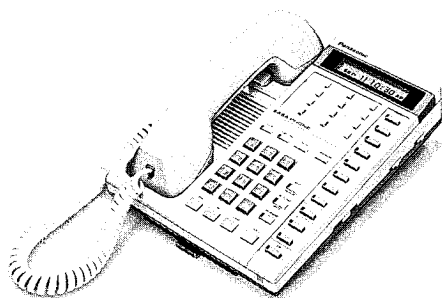


STATION USER GUIDE

The KX-T30830, KX-T30820 and/or KX-T30850 can be connected to the KX-T61610. Additional features will be provided with the KX-T30830, KX-T30820 and/or KX-T30850 by this connection. Use this Station User Guide with the Operating Instructions of the KX-T30830, KX-T30820 and/or KX-T30850.



KX-T30830



KX-T61610



KX-T30820



KX-T30850

Panasonic
EASA-PHONE

Paging Group

Allows paging to one of four groups.

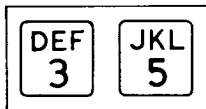
The page can only be heard from a KX-T61630, KX-T61620, KX-T61650, KX-T30830, KX-T30820 or KX-T30850.

■ To Access

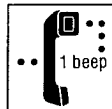
For Pickup Group 1



LIFT THE HANDSET
OR PRESS
"SP-PHONE"



DIAL "35"



CONFIRMATION
TONE OF 1~
BEEP WILL
BE HEARD



PAGE



WAIT FOR AN
ANSWER
AND TALK

■ Page will be
heard from
built-in
speaker.



- For Pickup Group 2: At step 2 above, dial 36 instead of 35.
- For Pickup Group 3: At step 2 above, dial 37 instead of 35.
- For Pickup Group 4: At step 2 above, dial 38 instead of 35.

Call Park Retrieve

Allows extension user to retrieve a call (intercom or outside) on hold at any extension.

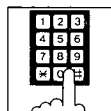
■ To Retrieve a Parked Call at Any Extension



LIFT THE HANDSET
OR PRESS
"SP-PHONE"



DIAL "5"

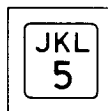


DIAL PARKED
EXTENSION
NUMBER

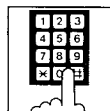
- Even when several outside calls are placed on hold simultaneously, you can retrieve the desired outside call from another extension as following.



LIFT THE HANDSET
OR PRESS
"SP-PHONE"



DIAL "58"



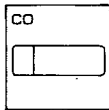
DIAL PARKED
CO NUMBER
(1 through 6)

Flexible CO Button

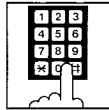
Allows each CO button to change into CO number which is different from printed CO number.

- Be sure the handset is in the cradle and the SP-PHONE button is off.
- Set the MEMORY switch of the KX-T30830, KX-T30820 or KX-T30850 to **"PROGRAM"**.

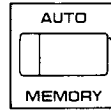
■ Setting



PRESS "CO" WHICH IS CHANGED INTO DIFFERENT CO NUMBER



DIAL THE CO NUMBER WHICH IS SET NEWLY (1 through 6)



PRESS "MEMORY"

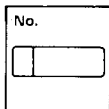
- After programming all CO buttons, return the MEMORY switch to **"SET"**.
- If a call reaches through the CO line that is not assigned in the CO button, the ICM indicator will be flashing quickly, just lift the handset or press the SP-PHONE button, even in the "MAN ANSWER" mode.
- If you make a call with the CO line of which number is not assigned, the ICM indicator will light.
- If a call on CO line of which number is not assigned, is placed on hold, the ICM indicator will flash. To retrieve on hold, press the ICM button.

Flexible DSS Button (KX-T30830 only)

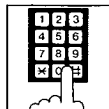
Allows each DSS button to change into extension number which is different from printed extension number.

- Be sure the handset is in the cradle and the SP-PHONE button is off.
- Set the MEMORY switch of the KX-T30830 to **"PROGRAM"**.

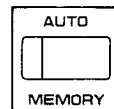
■ Setting



PRESS "DSS" WHICH IS CHANGED INTO DIFFERENT EXTENSION NUMBER



DIAL THE EXTENSION NUMBER WHICH IS SET NEWLY (11 through 26)



PRESS "MEMORY"

- After programming all CO buttons, return the MEMORY switch to **"SET"**.

Auto CO Hunting

Can access any CO line which is not in use directly by picking up the handset or the speakerphone on and tell an extension user which line is accessing by lighting the CO line indicator.

■ Setting



LIFT THE HANDSET
OR PRESS
"SP-PHONE"



DIAL "721#"

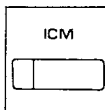


HANG UP OR
PRESS
"SP-PHONE"

■ To Cancel



LIFT THE HANDSET
OR PRESS
"SP-PHONE"



PRESS
"ICM"



DIAL "720#"

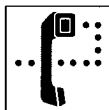


HANG UP OR
PRESS
"SP-PHONE"

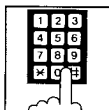
■ Dialing through CO Line



LIFT THE HANDSET
OR PRESS
"SP-PHONE"



WAIT FOR THE
C.O. DIAL TONE



DIAL THE PHONE
NUMBER

- When you access an extension in the Auto CO Hunting Mode, press the ICM button after lifting the handset or pressing the SP-PHONE button.

Account Code

This feature gives each message of the SMDR an account code of the called or calling party.

(Station Message Detail Recording—SMDR is cost saving feature that records all incoming and outgoing calls through CO line.) This feature has two modes—"Forced" and "Option". In the "Forced" mode, the account code must be entered every time the extension user dials. In the "Option" mode, the account code may be entered when a record of the account code is needed. When setting to the "Forced" mode, see page 3-34 in INSTALLATION MANUAL of the KX-T61610.

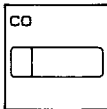
For use of this feature by using KX-T30850, the PROGRAMMABLE FEATURE (F3 only) button must be programmed beforehand as the Account Code button in the KX-T61610. For programming, see page 3-54 in INSTALLATION MANUAL.

Forced Mode

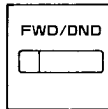
■ Making a Call



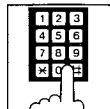
LIFT THE HANDSET
OR PRESS
"SP-PHONE"



PRESS "CO"
(The FWD/DND
indicator
flashes.)



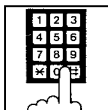
PRESS
"FWD/DND"
OR "F3"
(The FWD/DND
indicator
lights. And an
intermittent
tone is
heard.)



DIAL THE
ACCOUNT
CODE
(Account
code is
4 digits.)



WAIT FOR THE
C.O. DIAL TONE



DIAL THE PHONE
NUMBER

- You may dial 9 or 81 through 86 instead of pressing the CO button.
- Account code must be required 4 numerical digits except for the and buttons.
- If the account codes are programmed with the telephone numbers for one touch dialing or system speed dialing, you need not dial the account code when making a call. Program as follows.

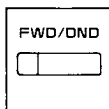


Account code
(4 digits)

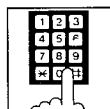
Telephone
number

■ Receiving a Call

If you want to record a calling party's account code in the SMDR, follow the below-mentioned procedure.



PRESS
"FWD/DND"
OR "F3"



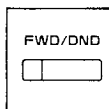
DIAL THE
ACCOUNT CODE

- The FWD/DND or F3 button must be pressed before you hang up. If the distant party hangs up first, you must press the FWD/DND or F3 button within 30 seconds.

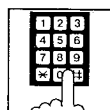
Option Mode

■ Making or Receiving a Call

If you want to record a calling or called party's account code in the SMDR, follow the below-mentioned procedure.



PRESS
"FWD/DND"
OR "F3"



DIAL THE
ACCOUNT
CODE
(Account
code is
4 digits.)

- If you enter the wrong account code, press the FWD/DND or F3 button and enter the correct code.
- The FWD/DND or F3 button must be pressed before you hang up. If the distant party hangs up first, you must press the FWD/DND or F3 button within 30 seconds.



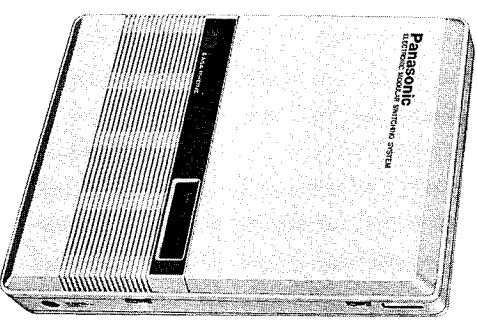
PANUG-005 -

STATION USER GUIDE

For touch tone and rotary telephone

Panasonic
EASA-PHONE

KX-T30810



See this Station User Guide when you use a touch tone or rotary telephone as an extension.

PANUG-017 -

Panasonic Company

Division of Matsushita Electric Corporation of America

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Panasonic Sales Company ("PSC"),

Division of Matsushita Electric of Puerto Rico, Inc.

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Basic Operation

Detailed Operation

Contents

Basic Operation

Quick Reference Card	2
To Make Calls	
Inter Office Calling	6
(Intercom)	6
Outward Dialing	7
Speed Dialing	7
Calling Doorphone	7

When a Line is Busy

Automatic Call Back Busy (Camp-on)	8
Busy Station Signaling ..	9
Last Number Redial	9

To Receive Calls

Answer	10
Dial Call Pickup	10
Directed Call Pickup	10
Call Park Retrieve	11
Doorphone	11

While Having a Conversation

Call on Hold	12
Call Splitting	12
Conference	13
Call Waiting	13
Call Transfer	14

Detailed Operation

Use of Other Features	
Paging All Extensions	15
Paging Group	15
Paging-External	16
Paging and Transfer	16
Paging-Answer	17
Intercom Alerting Mode ..	17
External Feature Access..	18
Pulse/Tone Conversion ...	19

Station Programming

Call Forwarding	20
Dial Call Pickup Deny	21
Do not Disturb	22
Data Line Security	23
Station Program Clear ..	24

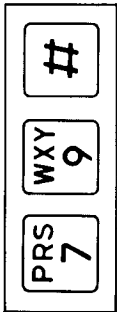
Station Program Clear

Dialing (79#) will clear station programs on that extension.

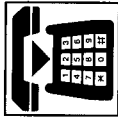
- The following feature can be canceled.
Call Forwarding
Data Line Security
Dial Call Pickup Deny
Do not Disturb



LIFT THE
HANDSET



DIAL "79#"



HANG UP


- If dial tone (continuous tone) changes to reorder tone (intermittent tone) or a mistake is made, hang up and start again.
- Various activation tones and Ringing will be heard. (Refer to page 5-6 in INSTALLATION MANUAL.)
- If you phone has the FLASH key, depress it instead of flashing the hookswitch.

Station Programming (cont.)

Data Line Security

This feature provides security when transmitting data through an extension of the KX-T30810. Call waiting tones and hold time reminder tone are prohibited in this mode.

■ Setting



PRS

7

GHI

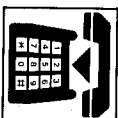
4

1

#


LIFT THE
HANDSET

DIAL "741#"



HANG UP

■ To Cancel



PRS

7

GHI

4

OPER

0

#

LIFT THE
HANDSET

DIAL "740#"



HANG UP

Quick Reference Card

TO MAKE CALLS

- Lift the handset first.
- After finishing your conversation, hang up the handset.

INTER OFFICE CALLING (intercom)	Dial extension number (1 through 18)
OUTWARD DIALING Automatic Line Access	<div>WXY</div> 9 Dial phone number
Individual Line Access	<div>TUV</div> 8 Dial CO number (1 through 3) Dial phone number
SPEED DIALING (A rotary phone is not available.)	<div>*</div> Dial speed access code (00 through 99)
CALLING DOORPHONE	For doorphone 1 For doorphone 2 <div>DEF</div> 3 <div>1</div> <div>DEF</div> 3 <div>ABC</div> 2
WHEN A LINE IS BUSY	
AUTOMATIC CALL BACK BUSY (camp-on)	<div>TUV</div> 8 Dial CO number Hear a busy tone <div>MNO</div> 6 Hear 2 beeps Hang up
For out side calls	
For intercom calls	Dial Extension number Hear a busy tone <div>MNO</div> 6 hear 2 beeps Hang up
BUSY STATION SIGNALING	Dial Extension number Hear a busy tone <div>1</div>
LAST NUMBER REDIAL	Lift handset <div>#</div> ● You may dial "80" instead of pressing the "#" button

TO RECEIVE CALLS

ANSWER	Lift handset
DIAL CALL PICKUP	Lift handset CHI 4 OPER 0
DIRECTED CALL PICKUP	Lift handset CHI 4 Dial ringing extension number
CALL PARK RETRIEVE	Lift handset JKL 5 Dial parked extension number

WHILE HAVING A CONVERSATION

CALL ON HOLD To hold To cancel	Flash hookswitch Flash hookswitch	Hear 2 beeps
CALL SPLITTING	Flash hookswitch Flash hookswitch	Dial 2nd party Dial 2nd party • To alternate, flash hookswitch repeatedly
CONFERENCE	Flash hookswitch Flash hookswitch	Consult with 2nd party DEF 3
CALL WAITING	Hear a call waiting tone Flash hookswitch	Hang up handset Lift handset • Original call will be on hold and new call can be talked. • To terminate the original call and talk to the 2nd call, hang up and then lift the handset. (You don't need to flash the hookswitch.)

Do not Disturb

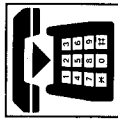
Each extension can be individually programmed from receiving outside or intercom calls.

■ Setting



LIFT THE HANDSET

DIAL "7110#"



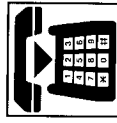
HANG UP

■ To Cancel



LIFT THE HANDSET

DIAL "70#"



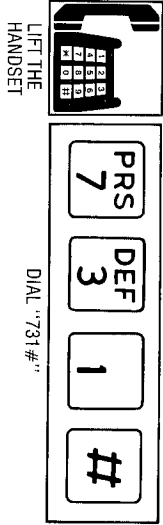
HANG UP

Station Programming (cont.)

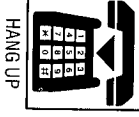
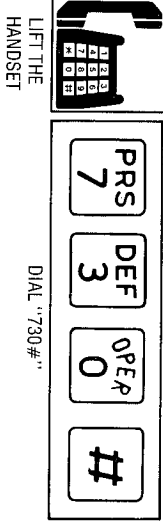
Dial Call Pickup Deny

Allows you to prohibit any other extension user from answering calls directed to you.

■ Setting



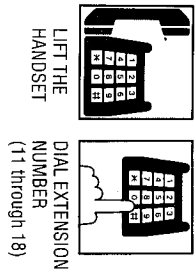
■ To Cancel



To Make Calls

Inter Office Calling (Intercom)

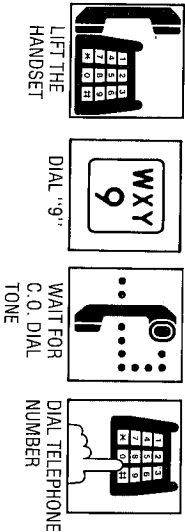
Station to station dialing within the KX-T30810 system.



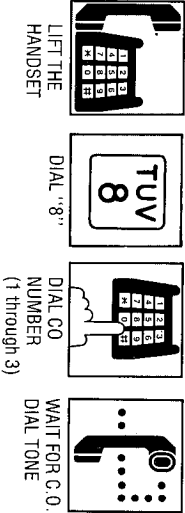
Outward Dialing

Each extension can automatically select an idle CO (Central Office) line within the KX-T30810.

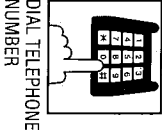
■ Automatic Line Access



■ Individual Line Access



An alternative method is to dial 8 and CO number. System will access individually any of 3 CO's.

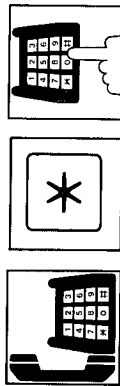


To Make Calls (cont.)

Speed Dialing

There are 100 system of speed dial numbers available.

■ Automatic Selection of CO



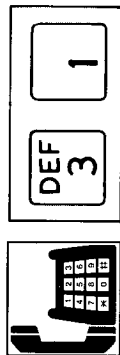
LIFT THE HANDSET
PRESS "*" DIAL SPEED ACCESS CODE (00 through 99)

- It is no need to access a CO line.
- A rotary phone is not available for the speed calling.
- Continuous use of speed dialing is impossible.

Calling Doorphone

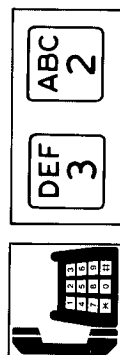
Up to two doorphone (KX-T30865) can be connected to the KX-T30810.

■ Doorphone 1



DIAL "31"

■ Doorphone 2



DIAL "32"

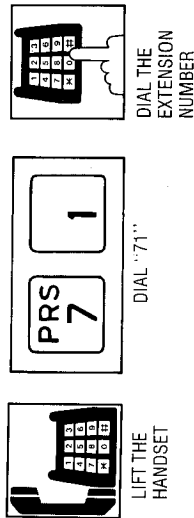
Station Programming

You may dial "0" instead of pressing the "#" button.

Call Forwarding

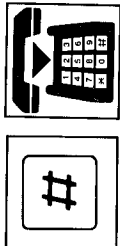
Intercom or outside calls to your extension can be automatically forwarded to any extension within the system.

■ Setting



DIAL "71"

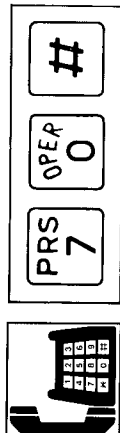
DIAL THE EXTENSION NUMBER



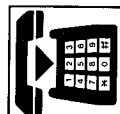
DIAL "7"

HANG UP

■ To Cancel



DIAL "70#"

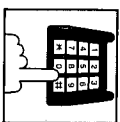


HANG UP

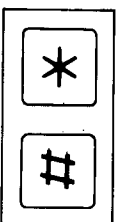
Use of Other Features (cont.)

Pulse/Tone Conversion

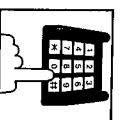
When the dialing mode is required to change a pulse mode to a tone mode in one dialing sequence, this feature is used. (e.g. computer-accessed long distance service)



DIAL THE PHONE NUMBER



DIAL "*" #"



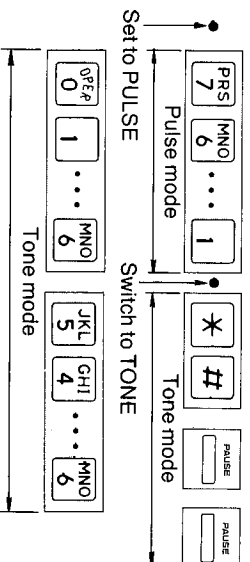
DIAL THE PHONE NUMBER

- When you dial using this feature, you must use the line selected in a pulse mode.
- Phone number after dialing "*" # will be changed to tone mode.
- A rotary phone is not available for the Pulse/Tone Conversion.
- You should press "*" and "#" buttons within 10 seconds after the number of the long distance service company.

- When you use a standard telephone equipped with automatic dialer, be careful the followings:

Example: Computer-accessed long distance service

- Local access telephone number of the alternate long distance service company 765-4321, Authorization no. 0123456, Long distance no. 543-210-9876
- Pulse mode is required by local access telephone number of the alternate long distance service company.
- Service of MCI, SPRINT, METRO or other systems is used.



Store the long distance service company no. in PULSE mode, and switch to the TONE mode to memory the following numbers.

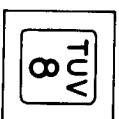
When a Line is Busy

Automatic Call Back Busy (Camp-on)

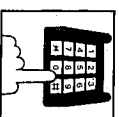
If the intercom extension or outside line you have dialed is busy, you will be automatically called back when the extension or the outside line becomes free using this function.

This feature is also known as camp-on.

■ For outside calls



DIAL "8"



DIAL CO NUMBER (1 through 3)



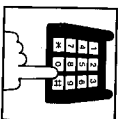
DIAL "6"



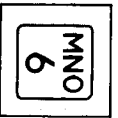
CONFIRMATION TONE

HANG UP

■ For intercom calls



DIAL EXTENSION NUMBER (11 through 18)



DIAL "6" CONFIRMATION TONE OF 2 BEEPS WILL BE HEARD



HANG UP

■ When hearing a ring back

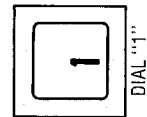
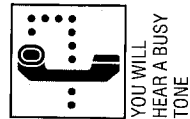
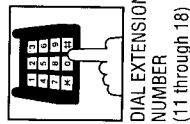


- When intercom calls, you will hear the ring back tone.
- When outside calls, you will hear the dial tone from CO.
- A call back busy cannot be activated on an extension which has a call on hold.
- If you make or receive a call during camp-on mode, the camp-on mode will be canceled.

When a Line is Busy (cont.)

Busy Station Signaling

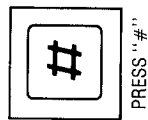
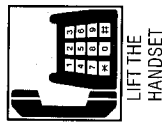
If the extension you have dialed is busy, you can inform that extension that another intercom call is reaching by three beeps. For use of this feature, the other extension is required to be set this feature beforehand in the KX-T30810.



- To answer your signaling, see "Call Waiting" on page 13.

Last Number Redial

The last phone number dialed on an outgoing call to CO can be redialed.



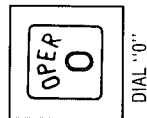
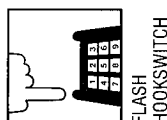
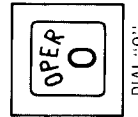
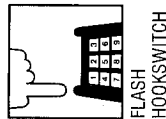
- You may dial "80" instead of pressing the "#" button.

External Feature Access

Allows extension user to access features of central office or host PBX. (e.g. CALL WAITING FEATURE can be supplied by Central Office.)

- The following example shows you one of the procedures.

■ Call Waiting—Outside Line



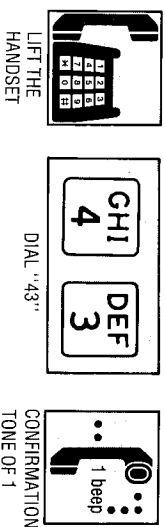
(If the calling party on hold hang up, the line is terminated.)

- Flashing the hookswitch and dialing "0" means flash operation.
- If KX-T30810 is connected to host PBX and flash operation is required, follow the procedure of flash operation which is required in the host PBX.

Use of Other Features (cont.)

Paging-Answer

A page from built-in speaker or external paging equipment can be answered from any extension.

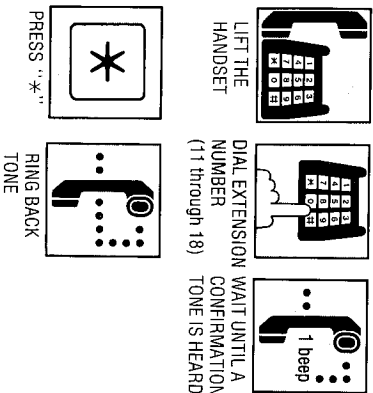


Intercom Alerting Mode

"Voice alerting" (through built-in speaker) that is established at the called party's extension, can be switched to "Tone alerting" (ringing).

- This feature required to be set beforehand in the KX-T30810. For programming, see page 2-29 in installation manual.

Switching to Tone Alerting



- A rotary phone is not available.
- You should press "*" button within 10 seconds after the dialing.

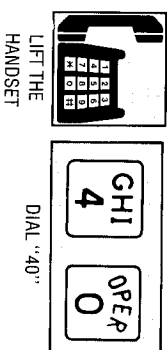
Answer



To Receive Calls

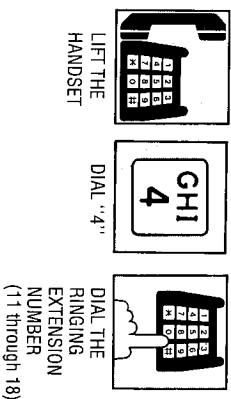
Dial Call Pickup

Through the use of this feature, an extension user can answer any ringing extension within their own pickup group.



Directed Call Pickup

An extension may answer an incoming call that is ringing at another extension regardless of the pickup group.

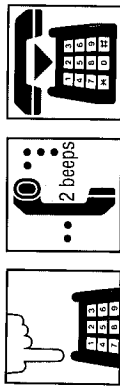


To Receive Calls (cont.)

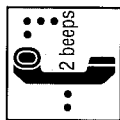
Call Park Retrieve

Allows extension user to retrieve a call (intercom or outside) on hold at any extension.

■ To Park a call



FLASH HOOKSWITCH



CONFIRMATION TONE



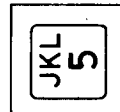
REPLACE HANDSET

- Do not depress hookswitch for more than one second, or party will be disconnected.

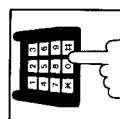
■ To Retrieve a Parked Call at Any Other Extension



LIFT THE HANDSET



DIAL "5"



DIAL PARKED EXTENSION NUMBER

Doorphone



LIFT THE HANDSET

- If calls from doorphones are not answered within 15 seconds, the calls will be cancelled.
- Each extension has to be programmed for receiving from doorphones. See the "Programmable Doorphone" on page 2-30 in Installation Manual.

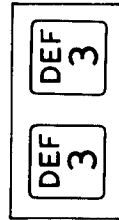
Paging-External

Allows access to external paging equipment.

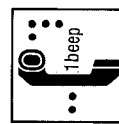
■ To Access



LIFT THE HANDSET



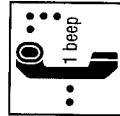
DIAL "33"



CONFIRMATION TONE



PAGE



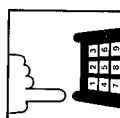
WAIT FOR CONFIRMATION TONE AND TALK OR HANG UP



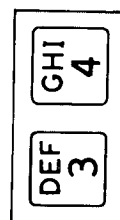
Page will be heard from external paging equipment.

Paging and Transfer

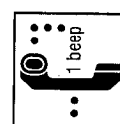
■ To Transfer a Call to the Paged Person



FLASH HOOKSWITCH TO PLACE A CALL ON HOLD



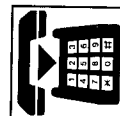
DIAL "34"



CONFIRMATION TONE



PAGE



WAIT FOR AN ANSWER AND HANG UP

- At step 2 above, dial 35, 36 or 33 instead of 34.

Use of Other Features

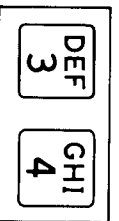
Paging All Extensions

Allows paging to all extensions.

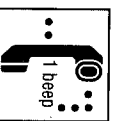
■ To Access



LIFT THE
HANDSET



DIAL "34"



CONFIRMATION
TONE OF 1
BEEP WILL
BE HEARD



PAGE



WAIT FOR AN
ANSWER
AND TALK

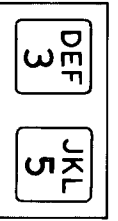
■ Page will be heard only from the built-in speaker of a KX-T30830, a KX-T30850 or a KX-T30820. It will not be heard from the built-in speaker of standard telephone.

Paging Group

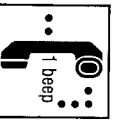
Allows paging to either of two groups.

■ To Access

For Pickup Group 1



DIAL "35"



CONFIRMATION
TONE

LIFT THE HANDSET



PAGE



WAIT FOR AN
ANSWER
AND TALK

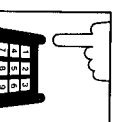
■ For Pickup Group 2
At step 2 above, dial 36 instead of 35.
■ Page will be heard only from the built-in speaker of a KX-T30830, KX-T30850 or a KX-T30820. It will not be heard from the built-in speaker of standard telephone.

While having a conversation

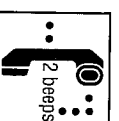
Call on Hold

If you wish to leave your phone unattended but want the caller you are in conversation with to wait, call on hold may be used. Intercom and outside calls may be placed on hold.

■ To Place a Call on Hold



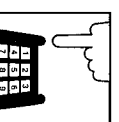
FLASH
HOOKSWITCH



CONFIRMATION
TONE OF 2
BEEPS WILL BE
HEARD

■ Do not depress hookswitch for more than one second, or party will be disconnected.

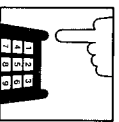
■ To Cancel



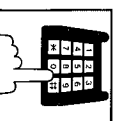
FLASH
HOOKSWITCH

Call Splitting

Allows station user to alternate between two parties, either intercom or outside.



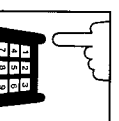
FLASH
HOOKSWITCH



DIAL
SECOND
PARTY



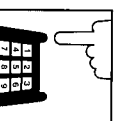
CONSULT 2ND
PARTY 1ST
PARTY ON HOLD



FLASH
HOOKSWITCH



2ND PARTY
ON HOLD
1ST PARTY IN
CONSULTATION



FLASH
HOOKSWITCH

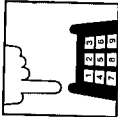


1ST PARTY
ON HOLD
2ND PARTY IN
CONSULTATION

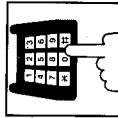
While having a conversation (cont.)

Conference


Allows for up to three party conference, (2-outside/1-inside), (1-outside/2-inside) or (3-inside).



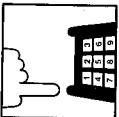
FLASH HOOKSWITCH PUTS 1ST PARTY ON HOLD



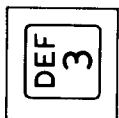
DIAL 2ND PARTY



CONSULT WITH 2ND PARTY



FLASH HOOKSWITCH



DIAL "3"
(3-party conference now established.)

■ To Terminate Conference

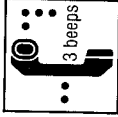
Replace the handset.

- The other two parties are directly connected together and can converse with each other. (Intercom calls and intercom to outside are OK, outside to outside is not possible.)

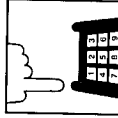
Call Waiting

Call Waiting Tone during a conversation indicates there is a new incoming outside call or intercom call.

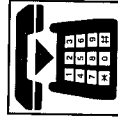
This feature is required to be set beforehand in the KX-T30810. For programming, see page 2-24 in installation manual.



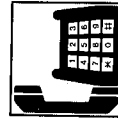
WILL HEAR CALL WAITING TONE



FLASH HOOKSWITCH PUTS 1ST PARTY ON HOLD



HANG UP



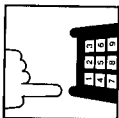
LIFT THE HANDSET

- When you use the hold button of a standard telephone, above-mentioned feature is not available.
- To terminate the original call and talk to the 2nd call, hang up and then lift the handset. (You don't need to flash the hookswitch.)

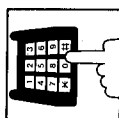


Call Transfer


Outside or intercom calls may be transferred to any extension manually.



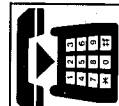
FLASH HOOKSWITCH



DIAL EXTENSION NUMBER

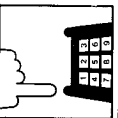


ANNOUNCE AND WAIT FOR ANSWER

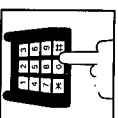


HANG UP

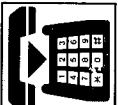
■ To Transfer without Announcing the other Extension



FLASH HOOKSWITCH



DIAL EXTENSION NUMBER



HANG UP

■ To Retrieve the Call

If the other extension did not receive the transferred call within 30 seconds after the call has been transferred, the call will return to you. In this case:



■ To Change the Party to Whom a Call is Transferred before Hanging up

Flash the hookswitch to retrieve the call, then repeat the procedure of Call Transfer.